

METHOD FOR CONTROLLING DATA RETRANSMISSION AND CONTROL
UNIT FOR IMPLEMENTING THE METHOD

ABSTRACT

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Frames exchanged between a control unit and a radio terminal via base stations are encapsulated, with timestamping information, in frames over an asynchronous interface between the control unit and each station. The timestamping information accompanying a data frame over the asynchronous interface indicates an instant of transmission of the said frame by each station according to a time counter specific to the radio section of the connection. The information accompanying an acknowledgement frame over the asynchronous interface indicates an instant of reception of the said frame by each station according to the said time counter. The instant of transmission of a data frame is stored. On reception of an acknowledgement frame accompanied by a timestamping information element indicating an instant of reception and indicating the non-reception by the terminal of the said data frame, the reception of the acknowledgement frame is selectively taken into account for the retransmission of the said data frame, on the basis of a comparison between the said instants of reception and transmission.

Figure 5

ABSTRACT

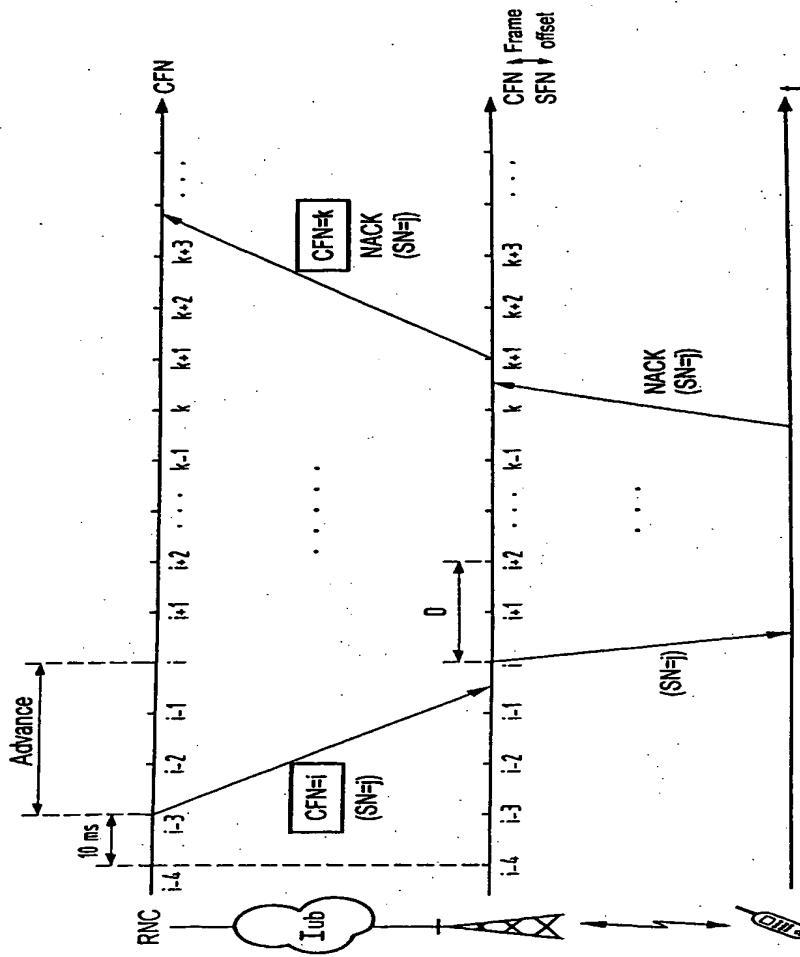


FIG. 5